CLAIMS

I claim:

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- 5 1. A wheel spindle and dust cup assembly comprising:
 - a spindle; and
 - a dust cup extending radially from the spindle and being integrally formed with the spindle, the spindle and dust cup being formed from a single shaft.
- 10 2. The wheel spindle and dust cup assembly of Claim 1, wherein the shaft has a circumference, the dust cup being continuously joined to the spindle around the circumference of the shaft.
 - 3. The wheel spindle and dust cup assembly of Claim 1, wherein the dust cup includes a disc-shaped flange extending radially outwardly from the shaft to an outer edge and a ridge extending from the outer edge of the flange in an axial direction relative to the spindle.
- 4. The wheel spindle and dust cup assembly of Claim 1, further comprising a transition portion at an intersection of the spindle and the dust cup, the transition portion having a radius.
 - 5. A wheel spindle comprising:
 - a spindle having an axle end connectable to an axle, a wheel end connectable to a wheel, and an intermediate portion defined between the axle end and the wheel end; and a dust cup extending radially outwardly from the intermediate portion to an outer edge and being integrally formed with the spindle.
- 6. The wheel spindle of Claim 5, wherein spindle includes a bent portion between the axle end and the dust cup.
 - 7. The wheel spindle of Claim 5, wherein the shaft has a circumference, the dust cup being continuously joined to the spindle around the circumference of the shaft.

8. The wheel spindle of Claim 5, wherein the dust cup includes a disc-shaped flange extending radially outwardly from the spindle to an outer edge and a ridge extending from the outer edge of the flange in a generally axial direction relative to the spindle, the dust cup defining a circular cavity between the ridge and the spindle.

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- 9. The wheel spindle of Claim 5, further comprising a transition portion at an intersection of the spindle and the dust cup, the transition portion having a radius.
- 10. A method of making a wheel spindle and dust cup assembly, the method comprising the acts of:

providing a shaft;

forming from the shaft a spindle having an intermediate portion; and forming from the shaft a dust cup on the intermediate portion of the spindle.

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- 11. The method of Claim 10, wherein the act of forming the dust cup includes the act of cold forging the dust cup from the shaft.
- 12. The method of Claim 10, further comprising the act of bending the shaft to a generally L-shape.

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- 13. The method of Claim 10, wherein the act of bending the shaft is performed after the act of forming the dust cup.
- 14. The method of Claim 10, wherein the act of forming the dust cup includes the acts of

forming a disc-shaped flange extending radially outwardly from the shaft to an outer edge, and

forming a ridge extending from the outer edge of the flange in a generally axial direction relative to the spindle.

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15. The method of Claim 10, wherein the act of forming the dust cup includes the acts of forming a transition portion at the intersection of the spindle and the dust cup, the transition portion having a radius.

16. A wheel spindle made by a process comprising the acts of: providing a shaft;forming from the material of the shaft a spindle; and forming from the material of the shaft a dust cup on the spindle.

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- 17. The wheel spindle of claim 16, wherein the act of forming the dust cup includes the act of cold forging the dust cup from the shaft.
- 18. The wheel spindle of Claim 16, further comprising the act of bending the shaft to a generally L-shape.
 - 19. The wheel spindle of Claim 16, wherein the act of bending the shaft is performed after the act of forming the dust cup.
- 15 20. The wheel spindle of Claim 16, wherein the act of forming the dust cup includes the acts of

forming a disc-shaped flange extending radially outwardly from the shaft to an outer edge, and

forming a ridge extending from the outer edge of the flange in a generally axial direction relative to the spindle.